

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/013719

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B42F7/00 B42F17/02 A47F7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B42F A47F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 92 17 835 U1 (WEITLAND, HORST, 7630 LAHR, DE) 4 March 1993 (1993-03-04) the whole document	1
A	US 4 974 733 A (EVANS ET AL) 4 December 1990 (1990-12-04) the whole document	4
A	US 5 154 299 A (HWANG ET AL) 13 October 1992 (1992-10-13) the whole document	1
A	US 5 251 744 A (DZIERSK ET AL) 12 October 1993 (1993-10-12) the whole document	2

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

20 May 2005

Date of mailing of the international search report

31/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-2040

Authorized officer

Lassen. S

INTERNATIONAL SEARCH REPORT



Information on patent family members



International Application No

PCT/EP2004/013719

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 9217835	U1	04-03-1993	NONE	
US 4974733	A	04-12-1990	CA MX	2019372 A1 167549 B 11-02-1991 29-03-1993
US 5154299	A	13-10-1992	NONE	
US 5251744	A	12-10-1993	NONE	